

Work Order ID 57808-1

Thursday, April 15, 2010 1:16:49 PM

Page 1

Item ID: D3908-041

Revision ID:

Item Name: Crosstube Lug Assembly, Aft

Start Date: 4/15/2010 Start Qty: 6.00

Required Date: 4/30/2010 Req'd Qty: 6.00

Reference:

Approvals: Process Plan: MF

QC:

Date: 10-4-

Date:

Tooling:

SPC (Y/N):

Date:

Date:

Run Start

Stop

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Draw
Number

Draw
Rev.

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

Draw Nbr

Revision Nbr

D3908

100



Packaging

Memo

Packaging

0.00

0.00

SB 10/04/23

110



Small Fab

Small Fab

Memo

1- Assemble as per dwg
TRIM RIVETS 1.185" LONG

0.00

0.00

SB 10/04/23

120



QC

Quality Control

QC5- Inspect part completeness to step on W/O

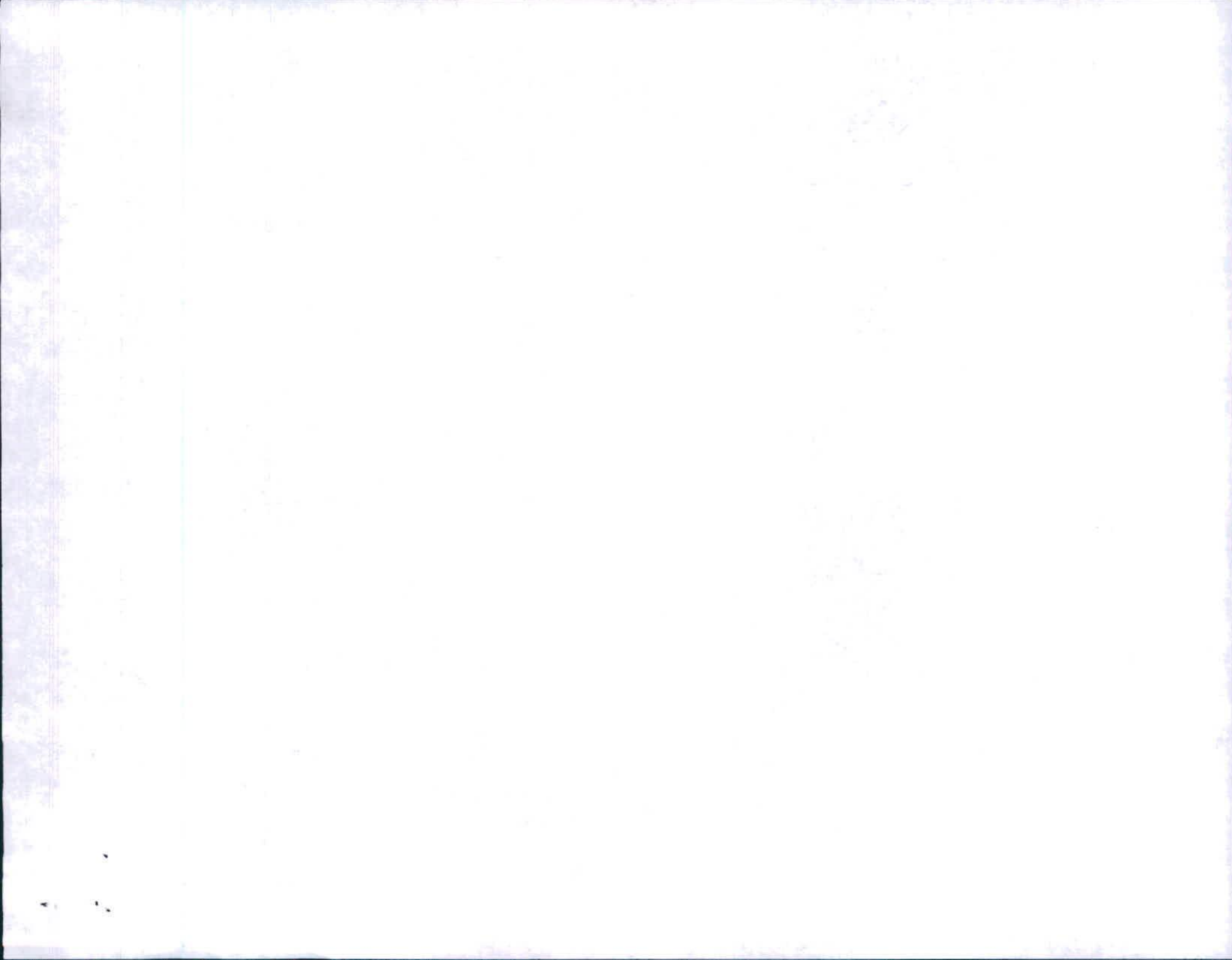
Memo

0.00

0.00

SB 10/04/23

70



Work Order ID 57808

Thursday, April 15, 2010 1:16:49 PM



Page 2

Item ID: D3908-041

Revision ID:

Item Name: Crosstube Lug Assembly, Aft

Start Date: 4/15/2010 Start Qty: 6.00

Required Date: 4/30/2010 Req'd Qty: 6.00

Reference:

Accept



Setup Start



Stop



Cust Item ID:

Customer:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Draw
Number

Draw
Rev.

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

130



Packaging

Packaging

Identify as per dwg & Stock Location: 507

0.00

Memo

0.00

10-4-23 sl (1x)

140



QC

Quality Control

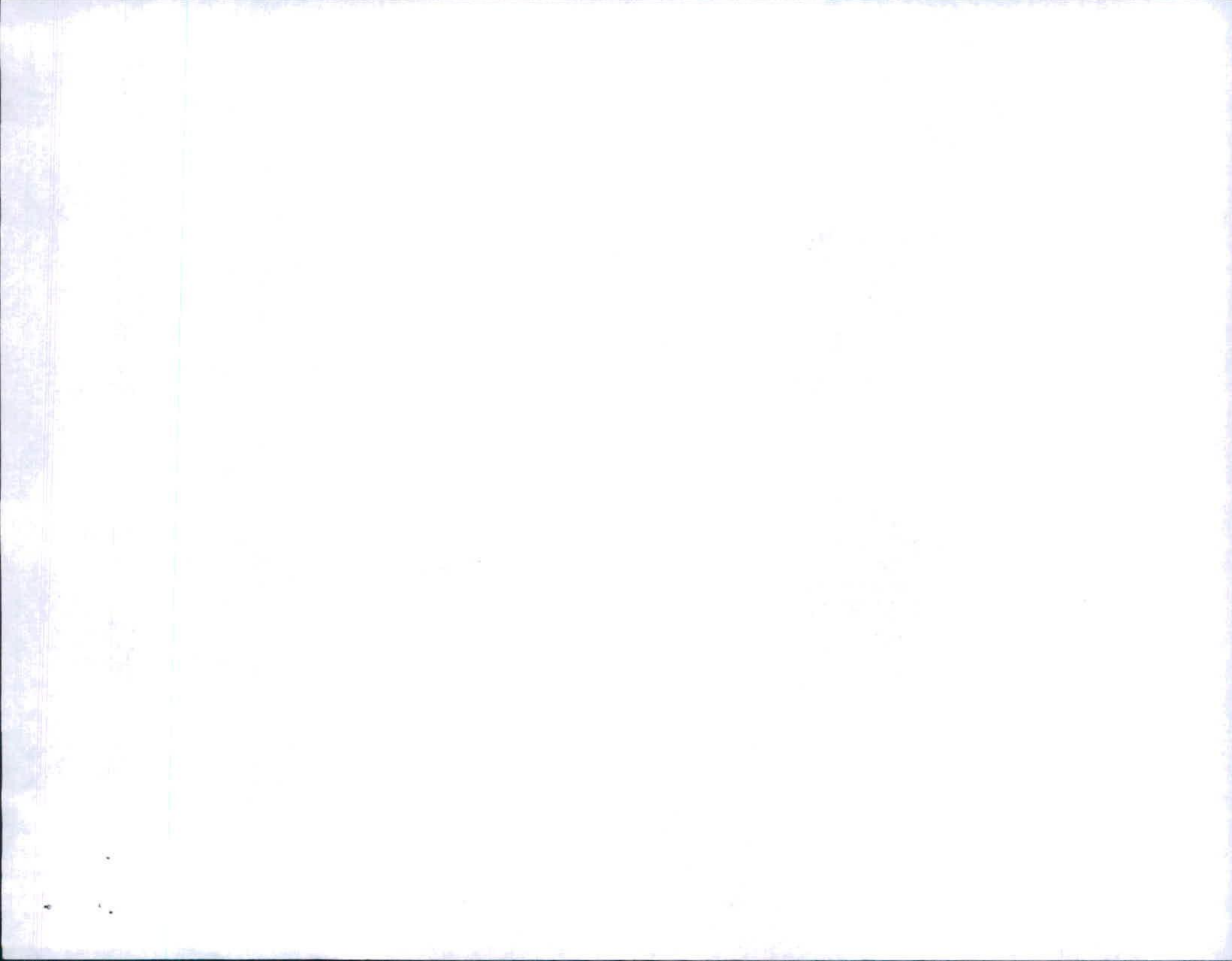
QC21- Final Inspection - Work Order Release

0.00

Memo

0.00

10/04/23 sl
ms
10-4-23



Picklist Print

Thursday, April 15, 2010 1:16:49 PM

Page 1

Work Order ID: 57808

Parent Item: D3908-041

Parent Item Name: Crosstube Lug Assembly, Aft

Comments: IPP RevA: New issue DD verified by:EC
As per Rev B 10-04-06 VERIFIED BY:

IPP REV B:

Start Date: 4/15/2010

Required Date: 4/30/2010

Start Qty: 6.00

Required Qty: 6.00

| Component Item ID/ Item Name | Replacement Item ID | Mfg/ Purch | Bin Item | Primary Location | Last Location | Route Seq ID | Unit of Measure | Qty on Hand | Remaining Qty To Pick | Qty Issued | Date Issued | Status |
|---------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|--------------------------|---------------|----------------|--------|
| D2690-6 | | Manufactured | No | | | | Each | 19.0000 | 6.0000 | | | |
| Lanyard Assembly | | | | | | | | | | | | |

Warehouse
Location

Loc Qty

Loc Code

Main Warehouse

ST021

19

50665

19

100

Each

4.0000

12.0000

D3908-1



Lug Plate, Aft Crosstube

Manufactured

No

Warehouse
Location

Loc Qty

Loc Code

Main Warehouse

ST095

4

57117

4

100

Each

2.0000

6.0000

D3908-3



Stud Receiver, Lower

Manufactured

No

Warehouse
Location

Loc Qty

Loc Code

Main Warehouse

ST095

2

56957

2

SA 10/04/23

6

357815

(8x)

SA 10/04/23

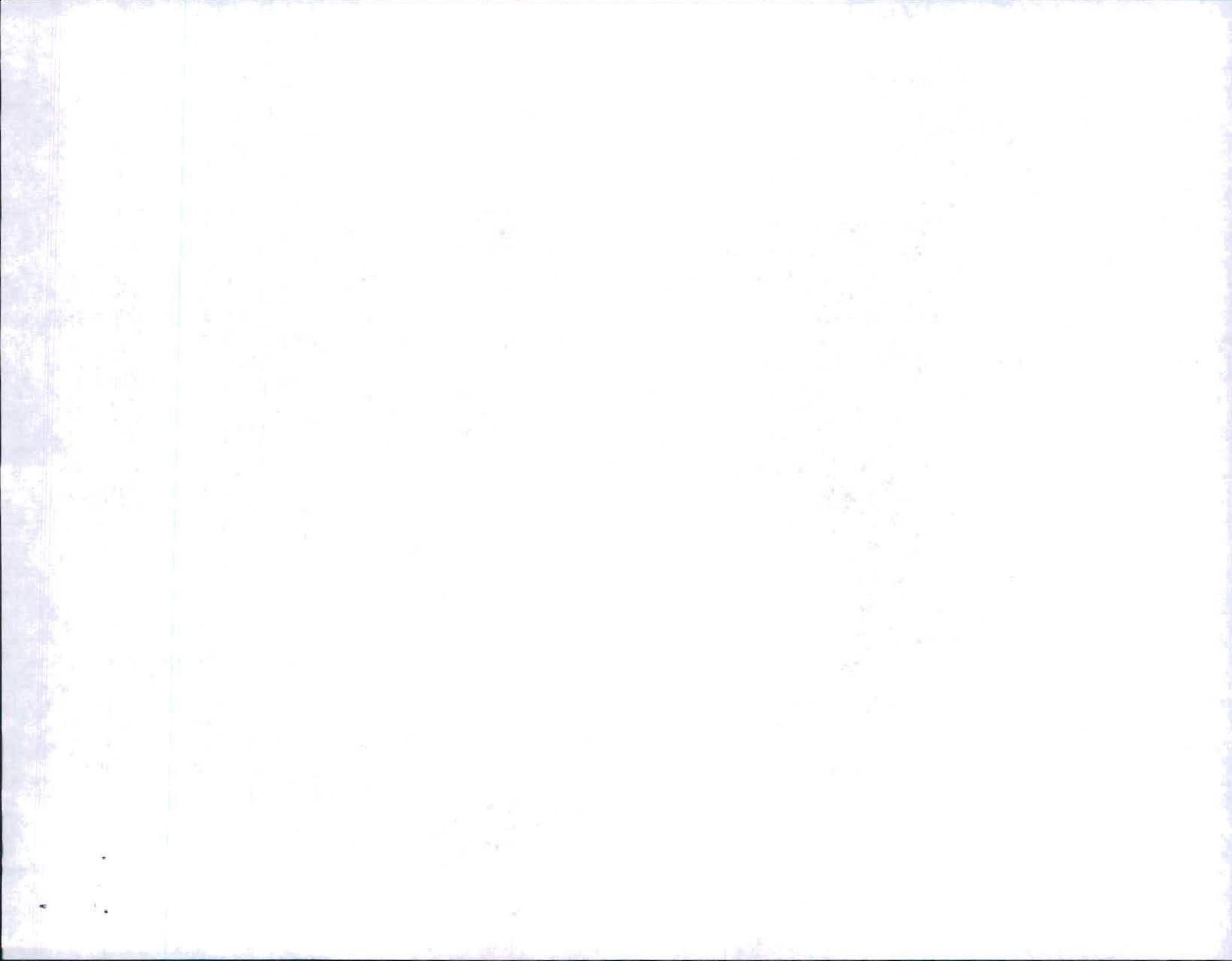
4

357816

(4x)

SA 10/04/23

2



Picklist Print

Thursday, April 15, 2010 1:16:49 PM

Page 2

Work Order ID: 57808

Parent Item: D3908-041

Parent Item Name: Crosstube Lug Assembly, Aft

Comments: IPP RevA: New issue DD verified by:EC
As per Rev B 10-04-06 VERIFIED BY:



IPP REVB:

Start Date: 4/15/2010

Required Date: 4/30/2010

Start Qty: 6.00

Required Qty: 6.00

| Component Item ID/ Item Name | Replacement Item ID | Mfg/ Purch | Bin Item | Primary Location | Last Location | Route Seq ID | Unit of Measure | Qty on Hand | Remaining Qty To Pick | Qty Issued | Date Issued | Status |
|--|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|---|---------------|----------------|--------|
| D3908-5 | | Manufactured | No | | | | Each | 1.0000 | 6.0000 | | | |
|  | | | | | | | | |  | | | |
| Eyebolt Stud | | | | | | | | | | | | |

| Warehouse Location | Loc Qty | Loc Code |
|-----------------------|---------|----------|
| Main Warehouse | | |
| GA | 1 | |
| 57428 | 1 | |

357817 (6x)

So 11/04/23 @

D3910-1



Crosstube Lug

Manufactured

No

100

Each

12.0000

12.0000

| Warehouse Location | Loc Qty | Loc Code |
|-----------------------|---------|----------|
| Main Warehouse | | |
| ENG | 12 | |
| 57194 | 12 | |

B57818 (12x)

So 10/04/23 @

AN3C12A



Bolts

Purchased

No

100

Each

224.0000

24.0000

| Warehouse Location | Loc Qty | Loc Code |
|-----------------------|---------|----------|
| Main Warehouse | | |
| ST351 | 224 | |
| 112314 | 224 | |

24

So 10/04/23 @

Thursday, April 15, 2010 1:16:49 PM

Shop Packet Print

Page 2

Picklist Print

Thursday, April 15, 2010 1:16:49 PM

Page 3

Work Order ID: 57808

Parent Item: D3908-041

Parent Item Name: Crosstube Lug Assembly, Aft

Comments: IPP RevA: New issue DD verified by:EC
As per Rev B 10-04-06 VERIFIED BY:

IPP REV B:

Start Date: 4/15/2010

Required Date: 4/30/2010

Start Qty: 6.00

Required Qty: 6.00

Component Item ID/
Item Name

Replacement
Item ID

Mfg/
Purch
Purchased

Bin
Item
No

Primary
Location

Last
Location

Route
Seq ID

Unit of
Measure
Each

Qty on
Hand
9.0000

Remaining
Qty To Pick
6.0000

Qty
Issued

Date
Issued

Status

MS17984-C413



PIN, QUICK RELEASE

MS20615-4M20

Purchased



RIVET

Warehouse

Location

Main Warehouse

ST297

114340

Loc Qty

Loc Code

9

9

100

Each

292.0000

36.0000



Warehouse

Location

Main Warehouse

ST323

113254

114304

114324

114349

Loc Qty

Loc Code

292

16

22

54

200

1 20 10/04/22 @

PTD

Shop Packet Print

Page 3

Thursday, April 15, 2010 1:16:49 PM

Dart Aerospace Ltd

W/O: 57808-1

WORK ORDER CHANGES

| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
|---------|------|---|----|----------|-----|-------------------------------------|--------------------------|
| 2/04/21 | | Change MS 20615-111 ²⁰ for MS 20615-4M18 N 114349 | SB | 10/04/22 | (5) | CP 10.04.21 P 042 | |
| | | | | | | | |

Part No: D3908-041 PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

NOTE: Date & initial all entries



Picklist Print

Thursday, April 15, 2010 1:16:49 PM

Page 4

Work Order ID: 57808

Parent Item: D3908-041

Parent Item Name: Crosstube Lug Assembly, Aft

Comments: IPP RevA: New issue DD verified by:EC
As per Rev B 10-04-06 VERIFIED BY:

IPP REVB:

Start Date: 4/15/2010

Required Date: 4/30/2010

Start Qty: 6.00

Required Qty: 6.00

| Component Item ID/ Item Name | Replacement Item ID | Mfg/ Purch | Bin Item | Primary Location | Last Location | Route Seq ID | Unit of Measure | Qty on Hand | Remaining Qty To Pick | Qty Issued | Date Issued | Status |
|---------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|--------------------------|---------------|----------------|--------|
| MS21043-3 | | Purchased | No | | | 100 | Each | 3,875.000 | 24.0000 | | | |
| Nut | | | | | | | | | | | | |

| Warehouse Location | Loc Qty | Loc Code |
|-----------------------|---------|----------|
| OFFSHORE | | |
| FG | 80 | |
| 103691 | 80 | |
| Main Warehouse | | |
| ST301 | 3795 | |
| 112314 | 3795 | |
| | 100 | Each |

5,196.000 48.0000

| Warehouse Location | Loc Qty | Loc Code |
|-----------------------|---------|----------|
| Main Warehouse | | |
| ST297 | 5196 | |
| 113524 | 46 | |
| 113737 | 150 | |
| 114341 | 5000 | |

SS 10/04/03

24

SS 10/04/03

48

NAS1149C0332R

Purchased

No

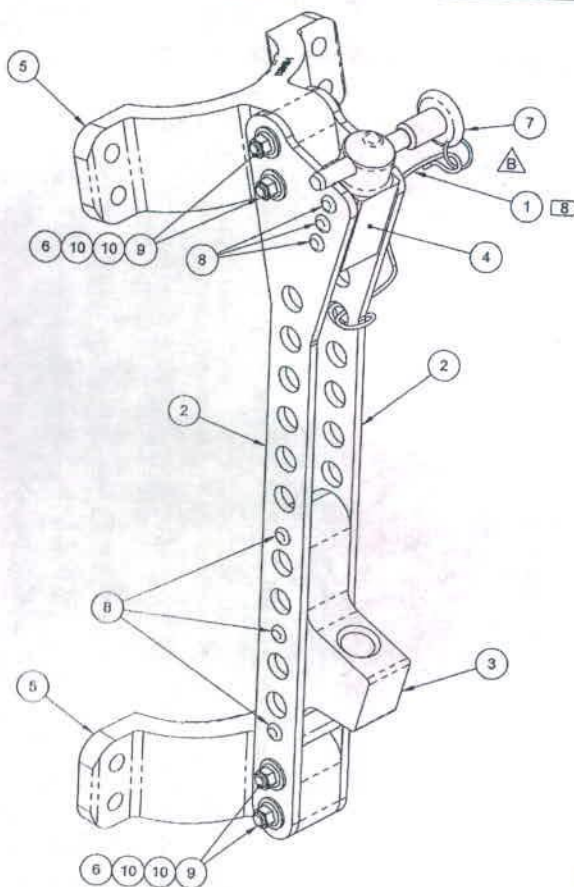
Washer

Thursday, April 15, 2010 1:16:49 PM

Shop Packet Print

Page 4

| ITEM | QTY. | P/N | DESCRIPTION |
|------|------|---------------|-----------------------|
| | X | D3908-041 | X-TUBE LUG ASSY (AFT) |
| 1 | 1 | D2690-6 | LANYARD |
| 2 | 2 | D3908-1 | AFT X-TUBE LUG PLATE |
| 3 | 1 | D3908-3 | STUD RECEIVER LOWER |
| 4 | 1 | D3908-5 | EYEBOLT STUD |
| 5 | 2 | D3910-1 | X-TUBE LUG |
| 6 | 4 | AN3C12A | BOLT |
| 7 | 1 | MS17984-C413 | PIP PIN |
| 8 | 6 | MS20615-4M20 | RIVET |
| 9 | 4 | MS21043-3 | NUT |
| 10 | 8 | NAS1149C0332R | WASHER |



D3908-041 X-TUBE LUG ASSY (AFT)

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D3908-041" USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: 2.35 lbs
- 8) ATTACH TO D3908-1 BY LOOPING AROUND LIGHTENING HOLE FIRST AND THEN SECURE TO MS17984-C413 PIP PIN'S RING.

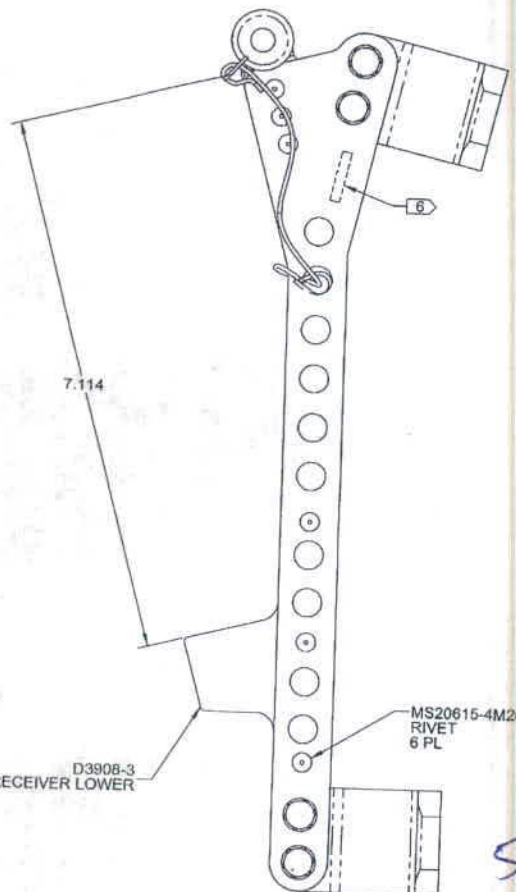
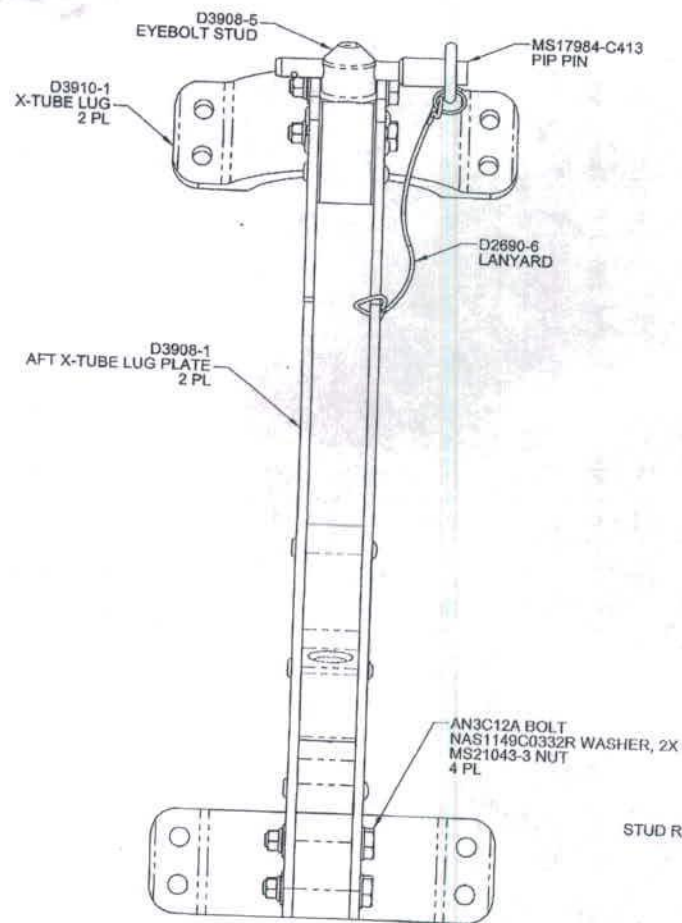
RELEASED
2010-04-14
MP

| | | | |
|------------|---|-----|----------|
| B | BOM: D3908-5 REPLACED WITH D3908-5. QTY 1 ADDED: D2690-6 & MS17984-C413. SHEET 5: ADDED D3908-5 | JPH | 10.04.06 |
| A | NEW ISSUE | JPH | 10.03.04 |
| REV. | DESCRIPTION | BY | DATE |
| DESIGN | JPH | | |
| DRAWN | JPH | | |
| CHECKED | | | |
| MFG. APPR. | | | |
| APPROVED | | | |
| DE APPR. | | | |
| DATE | 10.04.06 | | |

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

DRAWING NO. **D3908** REV. B
SHEET 1 OF 5
TITLE **X-TUBE LUG ASSY (AFT)** SCALE NTS

COPYRIGHT © 2010 BY DART AEROSPACE LTD
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS UNDERSTANDING IT IS NOT TO BE USED FOR ANY PURPOSES OR COPIED OR REPRODUCED IN ANY MANNER WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.



D3908-041 X-TUBE LUG ASSY (AFT)

| | | | |
|------------|----------|--|--------------|
| DESIGN | JPH | DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA | |
| DRAWN | JPH | | |
| CHECKED | | DRAWING NO. | REV. B |
| MFG. APPR. | | D3908 | SHEET 2 OF 5 |
| APPROVED | | TITLE | SCALE |
| DE APPR. | | X-TUBE LUG ASSY (AFT) | NTS |
| DATE | 10.04.06 | <small>COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS UNDERSTANDING THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR REPRODUCED IN ANY FORM OR BY ANY MEANS WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small> | |

RELEASED
2010-04-14
MD

